

App. No.: 10/072,056

**REMARKS**

Claims 1-19 are pending in the application. Claims 1, 5-7, 14, 15 and 19 are rejected.

Please charge the deposit account for 9 additional independent claims.

The Examiner providing the interview on February 22, 2006 is appreciated.

Claims 2, 3, 4, 8-13, 16-18 are found to contain allowable subject matter.

Claim 4 is incorrectly listed as rejected in the Office Action summary.

Claims 2-4, 8-10 have been amended to independent form. Claims 11-13 depend from an allowable independent claim.

Claims 16-18 have been amended to independent form.

Claims 2, 3, 4, 8-13, 16-18 are in condition for allowance.

Claims 1, 6, 7, and 15 have been amended to clarify applicant's claimed invention.

For example Claim 1 as amended relates to a radio communication system including a base station transmitting radio signals having different waveforms.

The different waveforms are of multiplexed signals varying according to a number of multiplexes in said multiplexed signal. The base station includes a compensation parameter generating section for generating a compensation parameter needed for compensating for a possible error in detection of a received signal, *occurring in said terminal station stemming from a difference in transmission signal waveform to said terminal station.*

Thus the compensation parameter is compensating because of the signal varying according to a number of multiplexes in said multiplexed signal.

Claims 1, 5-7, 14, 15 and 19 are again rejected under 35 U.S.C. § 103(a) as being unpatentable over Shull in view of Kamel et al.

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The Office Action Asserts Shull teaches compensating for errors related to the transmission of different waveforms. Shull Col. 6, lines 5-17 is pointed to for showing a compensation for errors related to different waveforms.

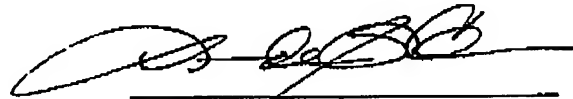
However Shull does not teach that the different waveforms are of multiplexed signals varying according to a number of multiplexes in said multiplexed signal and the compensation parameter is generated and needed for compensating for a possible error in detection of a received signal, occurring in said terminal station stemming from a difference in transmission signal waveform to said terminal station. Thus the waveform difference from the multiplexed signals varying according to a number of multiplexes in said multiplexed signal.

Because the combination of references fails to teach or suggest the claimed features, it is respectfully requested the rejection be withdraw. Independent claims 1, 6, 7, and 15 each include this clarification and should be allowed for at least the foregoing reasons.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,



Linda S. Chan  
Reg. No. 42,400

CUSTOMER NUMBER 026304  
Telephone: (212) 940-8800  
Fax: (212) 940-8986 or 8987  
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